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FT1119

FTF995/211810Z ZPO

BT

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OPCEN PASS

Section	Act	Info
Comdr		
DCS		
DCO (2)		
DCM (2)		
Secur		
Admin		
Medic		
Finan		
R & D		
Commo		
HCR		
HQ/M		
H-1		
H-2E		
H-2P		
H-2M		
H-6H		

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SECRET 011758Z MAY 68 CITE

PRIORITY INFO

SUBJECT: EVALUATION OF BLACK SHIELD MISSION BX6858

1. CAMERA TYPE I (115A), UNIT F WAS USED ON MISSION BX6858
 FLOWN 6 MAY 1968. BOTH CAMERAS OPERATED SATISFACTORILY THROUGHOUT
 THE MISSION. THE MISSION CONTAINS 1520 TITLED FRAMES.

2. GROUND RESOLUTION IS FAIR THROUGHOUT THE MISSION. THE BEST
 RESOLUTION IS ESTIMATED TO BE 3.5 FEET (BAR PLUS SPACE) IN THE NEAR
 VERTICAL PORTIONS OF THE FORMAT. CLOUDS AND HAZE ARE A DEGRADING
 FACTOR THROUGHOUT THE ENTIRE MISSION.

3. EXPOSURE IS SATISFACTORY THROUGHOUT THE MISSION.

4. TWO MINUS DENSITY STREAKS PARALLEL TO THE MAJOR AXIS (1.38
 AND 2.40 INCHES FROM THE ITLED EDGE) ARE PRESENT IN ALL FORWARD
 FRAMES THROUGHOUT THE MISSION. FAINT MINUS DENSITY STREAKS
 PARALLEL TO THE MAJOR AXIS ARE PRESENT IN ALL AFT FRAMES. BANDING
 PARALLEL TO THE MINOR AXIS OF THE FILM IS PRESENT FOR THE FIRST
 1.0 TO 3.0 INCHES OF SCAN ON ALL FORWARD FRAMES. SIMILAR BANDING
 IS VISIBLE ON THE LAST 200 AFT FRAMES. THE TIMING DOTS ARE SKewed
 OFF THE FILM INTERMITTENTLY THROUGHOUT THE MISSION. A 1.0 INCH WIDE
 TO THE MAJOR AXIS IS PRESENT ALONG BOTH

25X1
25X1

25X1

PAGE 2 SECRET

EDGES OF ALL FRAMES.

5. SEVERAL FRAMES OF THE MISSION ARE RETITLED, PROBABLY DUE TO
 LOSS OF ORIGINAL TITLING DURING REWASHING OF THE ORIGINAL NEGATIVE.
 THE MISSION MATERIAL CONTAINS MORE THAN THE USUAL NUMBER OF
 HANDLING MARKS AND FOREIGN MATTER DEPOSITS.

6. ALL DATA CHAMBER RECORDINGS ARE OPERATIONAL THROUGHOUT THE
 MISSION. THE 11S TAPE TO FILM CORRELATION IS SATISFACTORY.

7. NO APPRECIABLE DIFFERENCE IN IMAGE QUALITY IS NOTED BETWEEN
 THE ZERO PRIORITY POSITIVES AND THE ZI PRODUCED POSITIVES.

8. THE INDEX MARK HAS BEEN PLACED ON THE MATERIAL FOR REFERENCE
 OF THE UNIVERSAL GRID. THE GRID INSTRUCTIONS ON THE HEAD AND TAIL
 IDENTIS DO NOT UTILIZE THE INDEX MARK. UPDATED GRID INSTRUCTIONS
 SHOULD BE PLACED ON THE IDENTIS.

9. CLOUDS OBSCURE APPROXIMATELY 55 PERCENT OF THE TOTAL MISSION
 TIME. PHOTOGRAPHY OVER THE LAND AREA WAS APPROXIMATELY 50 PERCENT
 (ONE COVERED); HOWEVER, MEDIUM TO HEAVY HAZE DEGRADES THE REMAINING
 PHOTOGRAPHY OVER LAND AREAS.